

To: OAR-ORIA-Clips[OARORIAclips@epa.gov]
Cc: White, Rick[White.Rick@epa.gov]
From: Sanders, Roberta
Sent: Thur 11/5/2015 5:53:52 PM
Subject: Fw:(clips) Radiation clips 11/05/2015



Radiation News Clips

Nov 05 2015

Radioactive Waste

Oncologist downplays fears over radioactive waste at West Lake Landfill (kmov.com)

<http://www.kmov.com/story/30440382/oncologist-downplays-fears-over-radioactive-waste-at-west-lake-landfill>

An oncologist at the Siteman Cancer Center said an explosion could not occur if an underground fire at the Bridgeton Landfill reaches radioactive waste at the West Lake Landfill. Dr. Jeff Michalski says radiation levels in the air in the area near the landfills is only slightly higher than other parts of the St. Louis area. Residents of St. Louis are exposed to an average of 200 millirems of radiation every year while people living or working near the West Lake Landfill are exposed to a few more millirems a year, Michalski said.

Suit filed in Hiroshima over radioactive 'black rain' zone (japantimes)

<http://www.japantimes.co.jp/news/2015/11/05/national/crime-legal/suit-filed-in-hiroshima-over-radioactive-black-rain/#.Vjt1qk3sl-V>

A group of residents from Hiroshima Prefecture have filed a class action lawsuit over health damage from their exposure to so-called black rain following the 1945 atomic bombing of the city.

Radioactive container still missing in Illinois (14news.com)

<http://www.14news.com/story/30441158/radioactive-container-still-missing-in-illinois>

Still no sign of a missing radioactive container. Illinois EMA officials tell us the missing well logging source holder hasn't been found.

Cleanup

Concerns raised about delaying Hanford deadlines (TCH)

<http://www.tri-cityherald.com/news/local/hanford/article43071945.html>

Many of the people who have advocated for cleanup of the Hanford nuclear reservation will be dead by the time work covered in a proposed set of changes to legally binding deadlines for Hanford environmental cleanup is completed, said Susan Leckband at a meeting Wednesday night to discuss the changes.

Hanford

State nuclear waste leader announces retirement (TCH)

<http://www.tri-cityherald.com/news/local/hanford/article43025883.html>

Jane Hedges, the manager of the Washington State Department of Ecology's Nuclear Waste Program, will retire at the end of February, she announced Wednesday. She has been responsible for efforts to carry out the state's role in overseeing cleanup of the Hanford nuclear reservation and ensuring safe management of nuclear waste in the state. The state, along with the Environmental Protection Agency, is a Hanford regulator.

Safety and Security

National lab revises policies after device goes missing (SPI)

<http://www.seattlepi.com/business/energy/article/National-lab-revises-policies-after-device-goes-6610976.php>

Officials at Sandia National Laboratories confirmed Wednesday that they've revised procedures to ensure control and accountability of all radioactive materials and devices that are required to be tracked by the federal facility.

Nuclear Power

Nuclear power plants warn of closure crisis (thehill)

<http://thehill.com/policy/energy-environment/259199-nuclear-power-plants-warn-of-closure-crisis>

The nuclear power industry is sounding the alarm over the latest in a series of plant closures, warning that an energy source central to meeting President Obama's climate change goals is deteriorating.

Nuclear Weapons

Explaining the unimaginable: How do nuclear bombs work? (extremetech)

<https://www.extremetech.com/extreme/217306-explaining-the-unimaginable-how-do-nuclear-bombs-work>

So, this is a bit of a touchy question. From the beginning, even before the true destructive and killing power of The Bomb was clear to its own creators, one thing was certain: Nobody should ever acquire nuclear weapons if those who *do* have them can help it. That may be a hypocritical stance for current nuclear powers to take — but they're *live* hypocrites, so whatever.

Space/Cosmic Radiation

Cosmic particles help scientists 'X-ray' volcanoes (Asian Review)

<http://asia.nikkei.com/magazine/20151105-ASEAN-INC.-S-GLOBAL-PUSH/Tech-Science/Cosmic-particles-help-scientists-X-ray-volcanoes>

Even when there are warning signs, predicting the exact timing of a volcanic eruption is impossible, as much about the inner workings of volcanoes remains a mystery. But that could change now that volcanologists have the geological equivalent of a doctor's X-ray at their disposal. When cosmic radiation from supernova explosions and other events in deep space reaches Earth and collides with the atmosphere, large numbers of elementary particles called muons are generated. These so-called secondary cosmic rays account for 70% of the cosmic rays that reach the surface of the Earth. Hold out your hand, and one will pass through every second.

Other

NATO chief sounds alarm over Russian buildup (yahoo)

<http://news.yahoo.com/nato-chief-sounds-alarm-over-russian-buildup-130619493.html>

NATO's secretary-general sounded the alarm Thursday over the build-up of Russian military forces from the Baltic Sea to the Mediterranean and called on the U.S.-led alliance to come up with a response.

Anniversary of embassy siege in Iran shows rifts over U.S. nuclear pact (WP)

https://www.washingtonpost.com/world/middle_east/anniversary-of-embassy-siege-in-iran-shows-rifts-over-us-nuclear-pact/2015/11/04/5dbd64b6-830f-11e5-8bd2-680fff868306_story.html

The 36th anniversary of the U.S. Embassy takeover in Tehran unfolded Wednesday with the familiar protests and chants of "Death to America." But there was also a new twist: growing battles between hard-liners and their opponents over how much Iran will change after a landmark nuclear deal with the United States and other powers. Both hard-liners and reformers are testing the limits of their strength in wake of nuclear deal.

Iran to meet Rouhani timetable on ending sanctions: nuclear chief (reuters.com)

<http://www.reuters.com/article/2015/11/05/us-iran-nuclear-salehi-idUSKCN0SU0IA20151105#XSE17gExHVtgH4Kk.97>

Iran will fulfill its commitments under the July nuclear agreement with major powers in time to have sanctions that have crippled its economy, lifted by the end of the year, its atomic energy chief said on Thursday.